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|---|-----------------|-----------------------------------|-------|
|  Universiti Malaysia PAHANG <small>Engineering • Technology • Creativity</small> | Name | : | _____ |
| | ID No. | : | _____ |
| | Group | : | _____ |
| | Section | : | _____ |
| | Submission date | : | _____ |
| Module No/Name | : | 4/ Heat treatment of Metal alloys | |
| Quiz duration | : | 20 minutes | |
| Total Marks | : | 20 | |

Answer the following questions

1. Explain the heat treatment process to form martensite in carbon steel. Mention three different characteristics of martensite as compared to pearlite. **(15 Marks)**
2. What is the function of annealing process? **(5 Marks)**